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Substitute for form 1449A/B/PTO

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

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Complete if Known					
Application Number	Application Number 10/824860-Conf. #7246				
Filing Date	April 14, 2004				
First Named Inventor	James J. Modliszewski				
Art Unit	N/A				
Examiner Name	Not Yet Assigned				
Attorney Docket Number	10884-00013-US				

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
			0/0/4057	Caldwall at al	1 garos Appear	
	AA_	2,802,000	8/6/1957	Caldwell et al.		
	AB	2,813,093	11/12/1957	Caldwell et al.		
	AC	2,825,727	3/4/1958	C. G. Caldwell		
	AD	2,876,217	3/3/1959	E. F. Paschall		
	AE	3,058,827	10/16/1962	J. L. Graham		
	AF	3,094,517	6/18/1963	N. F. Stanley		
	AG	3,176,003	3/30/1965	D. J. Stancioff		
	AH	3,329,509	7/4/1967	A. Julius		
	Al	3,378,546	4/16/1968	T. Tsuzuki		
	AJ	3,499,962	3/10/1970	Warzburg et al.		
	AK	3,505,110	4/7/1970	Kesler et al.		
	AL	3,607394	9/21/1971	F. J. Germino et al.		
	AM_	3,865,603	2/11/1975	Szymanski et al.		
	AN	4,009,291	2/22/1977	Mitchell et al.		
	AO	4,026,986	5/31/1977	Christen et al.		
	AP	4,129,134	12/12/1978	Hind et al.		
	AQ	4,231,803	11/4/1980	Bovier et al.		
	AR	4,276,320	6/30/1981	A. Moirano		
	AS	4,600,439	7/15/1986	Schneider et al.		
	AT	4,615,897	10/7/1986	Brown et al.		
	AU	4,626,288	12/2/1986	Trzasko et al.		
	AV	4,632,848	12/30/1986	Gassett et al.		
	AW	4,643,894	2/17/1987	S. C. Porter et al.		
	AX	4,725,441	2/16/1988	S. C. Porter		
	AY	4,738,724	4/19/1988	Wittwer et al		
	AZ	4,795,642	1/3/1989	Cohen et al.		
		4,828,841	5/9/1989	S. C. Porter		
		4,935,243	6/19/1990	Borkan et al.		
		5,089,307	2/18/1992	H. Ninomiya et al.		
		5.146,730	9/15/1992	Sadek et al.		
_		5,224,989	7/6/1993	Eva Likarova		
		5,334,640	8/2/1994	Desai et al.		
		5,342,626	8/30/1994	P. E. Winston, Jr. et al.		
	$\overline{}$	5,451,673	9/19/1995	Fishman et al.		
	ABI	5,484,598	1/16/1996	Schurig et al.		
		5,549,983	8/27/1996	J. Yamanis		
		5,525,368	6/11/1996	Rha et al.		
			8/27/1996	Desai et al.		
		5,550,178		N. Stroud		
		5,554,385	9/10/1996	G. Bochers et al.		
		5,587,412				
		5,620,757	4/15/1997	H. Ninomiya et al.		
		5,646,206	7/8/1997	D. R. Coffin et al.		
		5,656,294	8/12/1997	Friend et al.		
		5,672,699	9/30/1997	R. L. Billmers et al.		
	IABS	5,726,008	3/10/1998	J. E. Maskasky		

Examiner Signature	/Caralynne Helm/	Date Considered	05/27/2010

PTO/SB/08a/b (07-05)
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Sul	Substitute for form 1449A/B/PTO			Complete if Known		
"	Substitute for form 144376 bir 10			Application Number	10/824860-Conf. #7246	
11	INFORMATION DISCLOSURE STATEMENT BY APPLICANT			Filing Date	April 14, 2004	
S				First Named Inventor	James J. Modliszewski	
				Art Unit	N/A	
ŀ	(Use as many sheets as necessary)		Examiner Name	Not Yet Assigned		
Sheet	2	of	4	Attorney Docket Number	10884-00013-US	

	5,804,243	9/8/1998	Loh et al.
ABU	5,811,388	9/22/1998	Friend et al.
	5,817,323	10/6/1998	Hutchinson et al.
ABW	5,932,639	8/3/1999	Eden et al.
ABX	5,976,586	11/2/1999	L. Feller
ABY	6,030,641	2/29/2000	Yamashita et al.
ABZ	6,063,915	5/16/2000	Hansen et al.
ACA	6,066,368	5/23/2000	Billmers et al.
ACB	6,143,324	11/7/2000	Michaud et al.
ACC	6,146,570	11/14/2000	A. J. Stern
ACD	6,210,709	4/3/2001	Laba et al.
ACE	6,214,376	4/10/2001	A. Gennadios
ACF	6,331,205	12/18/2001	L. Paris
ACG	6,375,981	4/23/2002	G. M. Gilleland et al.
ACH	6,387,354	5/14/2002	Bixler et al.
ACI	6,479,649	11/12/2002	Tsai et al.
ACJ	6,517,865	2/11/2003	Cade et al.
ACK	6,528,088	3/4/2003	Gilleland et al.
ACL	6,607,748	8/19/2003	V. Lenaerts et al.
ACM	6,649,188	11/18/2003	Gilleland et al.
ACN	6,790,495	9/14/2004	Tomka et al.
ACO	2002/0081331	6/27/2002	K. E. Tanner et al.
ACP	2002/0142031	10/3/2002	G. M. Gilleland et al.
ACQ	2003/0138482	7/24/2003	L. G. Fonkwe et al.
ACR	2004/0087669	5/6/2004	S. Hausmanns et al.
ACS	2005/0069579	3/31/2005	R. Kamaguchi et al.
ACT	2005/0070703	3/31/2005	R. Muller et al.
ACU	2005/0163833	7/28/2005	R. Muller
ACV	2005/0089548	4/28/2005	Virgalitto et al.

		FORE	GN PATENT	DOCUMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ³ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	ВА	EP 0 169 319	1/29/1986	Berwind Pharmaceutical Services, Inc.		
	ВВ	EP 0 400 484	12/5/1990	Mitsubishi Rayon Co., LTD		
	ВС	EP 0 408 503	1/16/1991	Warner-Lambert Company		
	BD	EP 0 409 781	1/23/1991	Warner-Lambert Company		
	BE	EP 0 409 782	1/23/1991	Warner-Lambert Company		
	BF	EP 0 409 788	1/23/1991	Warner-Lambert Company		
	BG	EP 0 471 558	2/19/1992	Unilever NV		
	вн	EP 0 547 551	6/23/1993	National Search and Chemical Investment Holding Corporation		
	ВІ	EP 0 606 486	7/20/1994	Teijin Limited		
	BJ	EP 0 622 408	11/2/1994	CP Kelco ApS		П
	ВК	EP 0 633 896	1/18/1995	National Search and Chemical Investment Holding Corporation		
	BL	EP 0 761 691	3/12/1997	National Search and Chemical Investment Holding Corporation		

Date Considered Examiner Signature /Caralynne Helm/ 05/27/2010 PTO/SB/08a/b (07-05)

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Substitut	Substitute for form 1449A/B/PTO			Complete if Known		
Oddania on toni 1440/40/110				Application Number	10/824860-Conf. #7246	
INF	ORMATIC	ON D	SCLOSURE	Filing Date	April 14, 2004	
STATEMENT BY APPLICANT			APPLICANT	First Named Inventor	James J. Modliszewski	
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(Use as many sheets as necessary)		Examiner Name	Not Yet Assigned			
Sheet	3	of	4	Attorney Docket Number	10884-00013-US	

LD44	JP 5-4014	1/14/1003	Asshi-Chamical Indi-Fuji		
			Capsule KK		
 BN	JD 7-106478	8/1/1995	Sugii Hajime		
ВО	WO 94/25493	11/10/1994	The United States of America		
BP	WO 97/49762	12/31/1997	Oy Polymer Corex Kuopio Ltd.		
BQ	WO 99/07347	2/18/1999	Paris, Laurence	abstract only	
BR	WO 00/10538		Banner Pharmacaps, Inc.		
BS	WO 00/18835	4/6/2000	Warner-Lambert Company		
BT	WO 01/37817	5/31/2001	Greither, Peter	abstract only	
BU	WO 01/91721	12/6/2001	A.E. Staley Manufacturing Co.		

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		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
	CA	de Vries J., "Interaction of carrageenan with other ingredients in dairy dessert gels", Gums and stabilisers for the food industry 11: proceedings of the 11th conference, Wrexham, vol. 11 (2002), no, pages 201-210, July 2001	
	СВ	R. Falshaw et al., "Structure and performance of commercial K-2 carrageenan extracts", Food Hydrocolloids, vol. 17, pages 129-139, 2003	
	CC	FMC BioPolymer, "Carrageenan Matrices for Entrapment", Issue No. 1, April 1993	
	CD	Henry J. Witt, "Carrageenan Nature's Most Versatile Hydrocolloid", pages 347-360, 1985	
	CE	Glicksman, M., "Gum Technology in the Food Industry", Academic Press, pages 213-228, 1969	
	CD	C. J. Lawson et al., "Carrageenans", J.C.S. Perkin I, pages 2177-2182, 1973	
	CE	H. J. Bixler, "Recent developments in manufacturing and marketing carrageenan", Hydrobiologia, pages 35-57, 1996	
	CF	M. C. Matulewicz et al., "Carrageenan Systems from Tetrasporic or Cystocarpic Stages of Gigartina Skottsbergii", Phytochemistry, vol. 28, pages 2937-2941, 1989	
	CG	M. C. Matulewicz et al., "Methylation Analysis of Carrageenans from Tetrasporic and Cystocarpic Stages of Gigartina Skottsbergii", Phytochemistry, vol. 29, no. 11, pages 3407-3410, 1990	
	СН	C. Rochas et al., "Relation Between the Molecular Strcture and Mechanical Properties of Carrageenan Gels", "Carbohydrate Polymers, vol. 10, pages 115-127, 1989	
	CI	Stancioff, D. J. and Stanley, N. F., "Infrared and Chemical Studies on Algal Polysaccharides", Prod. Intl. Seaweed Symp. 6, pages 595-609, 1969	
	Cl	Bellion, C. et al, "Analysis of Kappa-lota Hybrid Carrageenans with Kappa-Carrageenase, Iota-Carrageenase and ¹³ C N.M.R., Xth International Seaweed Symposium, Walter de Gruyter & Co., Berlin-New York, pages 379-384, 1981	
	СК	Peats, S., "The Infrared Spectra of Carrageenans Extracted from Various Algae", Xth International Seaweed Symposium, Walter de Gruyter & Co., Berlin-New York, pages 495-502, 1981	
	CL	JP 5-4914 English language Abstract (espace.net) 1993	
	СМ	JP 7-196478 English language Abstract (European Patent Office) 1995	

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Signature	/Caralynne Helm/	Considered	05/27/2010

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eet 4 of 4	Attorney Docket Number	10884-00013-US		

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